



# Advice on Health Technologies

## Quarterly Bulletin | April 2024

### What is the purpose of this bulletin?

Health Technology Wales (HTW) produces this bulletin to support decision making on health technologies within NHS Wales. The bulletin lists HTW reports and Guidance on health technologies published in January – March 2024. It also includes recent technology assessments undertaken by other health technology assessment (HTA) agencies across the UK, Ireland and Europe.

### What is a health technology?

A health technology is an intervention, product or service developed to:

- prevent, diagnose or treat medical conditions
- promote health
- provide rehabilitation, or
- organise healthcare delivery.

The health technology could be a test, device, procedure or patient pathway.

### What specialties are covered this quarter?

Blood and immune system.....	2	Injuries, accidents and wounds.....	4
Cancer .....	2	Mental and behavioural disorders .....	5
Cardiovascular system.....	3	Musculoskeletal system .....	5
Caring for older people .....	3	Nervous system .....	5
Digestive system .....	3	Paediatrics.....	5
Ear, nose and throat.....	4	Respiratory system.....	6
Eye .....	4	Social care .....	6
Health service organisation and delivery.....	4		

Advice and guidance is ordered by specialty, categorisation [follows the main specialties listed here](#).

### What advice is NHS Wales required to consider?

The advice and guidance NHS Wales is **required to consider** is highlighted in the 'Status' column below.

## What next?

- If any of the technology assessments listed are of relevance to current policy, planning and clinical decisions within NHS Wales and you would like to discuss their relevance, please contact HTW: <https://www.healthtechnology.wales/contact/#>
- If you would like to refer a technology to HTW for assessment, please complete the 'Suggest a topic' submission form: <https://www.healthtechnology.wales/suggest-a-topic/>

## Information and Guidance on Health Technologies (January 2024 – March 2024)

Speciality	Technology Assessment	Agency/Product	Date Published	Status in Wales
Blood and immune system	<a href="#">GUI056 Liposuction for the treatment of chronic lymphoedema</a>	HTW Guidance <sup>1</sup>	March 2024	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>
	<a href="#">TER486 Kitelock 4% in the prevention of central line catheter associated bloodstream infection and blood clots</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">TER508 Optical sensor devices for the detection of infiltration and extravasation of intravenous fluid</a>	HTW Topic Exploration Report <sup>2</sup>	January 2024	For information only
Cancer	<a href="#">GUI053 Low energy contact X-ray brachytherapy (CXB) for the treatment of early stage rectal cancer</a>	HTW Guidance <sup>1</sup>	January 2024	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>
	<a href="#">GUI011-2 Robot-assisted thoracic surgery</a>	HTW Guidance <sup>1</sup>	January 2024	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>
	<a href="#">TER486 Kitelock 4% in the prevention of central line catheter associated bloodstream infection and blood clots</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only

<sup>1</sup> **HTW Guidance:** summarises clinical- and cost-effectiveness evidence and implications for the health technology in Wales

<sup>2</sup> **HTW Topic Exploration Report:** designed to provide a high-level briefing on new topics submitted for consideration in Wales

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	<a href="#">TER482 Computer-assisted diagnostic tools for thermographic images to assist in diagnosis of malignant breast lesions</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">TER516 Circulating tumour DNA tests for T790M mutations in non-small cell lung cancer</a>	HTW Topic Exploration Report <sup>2</sup>	January 2024	For information only
	<a href="#">Artificial intelligence supported clinician review of chest x-rays from patients with suspected lung cancer</a>	SHTG Innovative Medical Technology Overview <sup>3</sup>	March 2024	For information only
	<a href="#">An assessment of local anaesthetic biopsies of suspicious laryngeal and pharyngeal lesions</a>	SHTG Assessment <sup>4</sup>	February 2024	For information only
	<a href="#">Colon capsule endoscopy (CCE) for the detection of colorectal polyps and cancer</a>	SHTG Innovative Medical Technology Overview <sup>3</sup>	February 2024	For information only
Cardiovascular system	<a href="#">IPG782 Temperature control to improve neurological outcomes after cardiac arrest</a>	NICE Interventional Procedures Guidance <sup>5</sup>	January 2024	For information only
	<a href="#">DG57 Artificial intelligence (AI)-derived software to help clinical decision making in stroke</a>	NICE Diagnostics guidance <sup>6</sup>	January 2024	For information only
	<a href="#">IPG780 Intravascular lithotripsy for calcified arteries in peripheral arterial disease</a>	NICE Interventional Procedures Guidance <sup>5</sup>	January 2024	For information only
Caring for older people	<a href="#">DG57 Artificial intelligence (AI)-derived software to help clinical decision making in stroke</a>	NICE Diagnostics guidance <sup>6</sup>	January 2024	For information only
Digestive system	<a href="#">TER486 Kitelock 4% in the prevention of central line catheter associated bloodstream infection and blood clots</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">IPG783 Endoscopic sleeve gastropasty for obesity</a>	NICE Interventional Procedures Guidance <sup>5</sup>	February 2024	For information only
	<a href="#">Colon capsule endoscopy (CCE) for the detection of colorectal polyps and cancer</a>	SHTG Innovative Medical Technology Overview <sup>3</sup>	February 2024	For information only

<sup>3</sup> **SHTG Innovative Medical Technology Overview:** summarises emerging evidence surrounding new and innovative technologies.

<sup>4</sup> **SHTG Assessment:** bespoke reviews of health technologies to inform policy and practice across NHS Scotland.

<sup>5</sup> **NICE Interventional Procedures Guidance:** covers procedures used for diagnosis or treatment, considers if they are safe and work well enough for wider use in NHS England, Scotland or Wales.

<sup>6</sup> **NICE Diagnostics Guidance:** evaluates new, innovative diagnostic technologies. It includes all types of measurements and tests that are used to evaluate a patient's condition.

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Ear, nose and throat	<a href="#">IPG781 Pharyngeal electrical stimulation for neurogenic dysphagia</a>	NICE Interventional Procedures Guidance <sup>5</sup>	January 2024	For information only
	<a href="#">An assessment of local anaesthetic biopsies of suspicious laryngeal and pharyngeal lesions</a>	SHTG Assessment <sup>4</sup>	February 2024	For information only
Eye	<a href="#">TER515 Optical coherence tomography angiography for detection and diagnosis of vascular diseases of the eye</a>	HTW Topic Exploration Report <sup>2</sup>	January 2024	For information only
Health service organisation and delivery	<a href="#">TER518 Community based respiratory care services for people with chronic respiratory conditions</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">TER481 Advanced paramedic practitioners</a>	HTW Topic Exploration Report <sup>2</sup>	January 2024	For information only
	<a href="#">DG57 Artificial intelligence (AI)-derived software to help clinical decision making in stroke</a>	NICE Diagnostics guidance <sup>6</sup>	January 2024	For information only
	<a href="#">Artificial intelligence supported clinician review of chest x-rays from patients with suspected lung cancer</a>	SHTG Innovative Medical Technology Overview <sup>3</sup>	March 2024	For information only
	<a href="#">An assessment of local anaesthetic biopsies of suspicious laryngeal and pharyngeal lesions</a>	SHTG Assessment <sup>4</sup>	February 2024	For information only
	<a href="#">Review of national rare disease strategies in selected countries</a>	HIQA Other Evidence Synthesis <sup>7</sup>	February 2024	For information only
Injuries, accidents and wounds	<a href="#">GUI056 Liposuction for the treatment of chronic lymphoedema</a>	HTW Guidance <sup>1</sup>	March 2024	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>
	<a href="#">GUI051 Digital tools for the monitoring and management of wounds</a>	HTW Guidance <sup>1</sup>	January 2024	<b>NHS Wales should adopt this guidance or justify why it has not been followed</b>

<sup>7</sup> Health Information and Quality Authority (HIQA) Other evidence synthesis: other evidence synthesis includes systematic reviews, rapid reviews, scoping review and other types of analysis

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	<a href="#">TER481 Advanced paramedic practitioners</a>	HTW Topic Exploration Report <sup>2</sup>	January 2024	For information only
Mental and behavioural disorders	<a href="#">HTE17 Digital health technologies to help manage symptoms of psychosis and prevent relapse in adults and young people: early value assessment</a>	NICE Health Technology Evaluation <sup>8</sup>	March 2024	For information only
Musculoskeletal system	<a href="#">TER517 Orthotic bracing for the treatment of idiopathic scoliosis in children and young people</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">TER513 Slot-scanning, biplanar X-ray imaging (EOS imaging systems) for spine and lower limb conditions and orthopaedic surgery</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">HTE16 Digital technologies for managing non-specific low back pain: early value assessment</a>	NICE Health Technology Evaluation <sup>8</sup>	March 2024	For information only
Nervous system	<a href="#">IPG781 Pharyngeal electrical stimulation for neurogenic dysphagia</a>	NICE Interventional Procedures Guidance <sup>5</sup>	January 2024	For information only
	<a href="#">IPG782 Temperature control to improve neurological outcomes after cardiac arrest</a>	NICE Interventional Procedures Guidance <sup>5</sup>	January 2024	For information only
Paediatrics	<a href="#">GUI046 Intensive Family Preservation Programmes (IFPP) for families in crisis</a>	HTW Guidance <sup>1</sup>	March 2024	<b>Recommended guidance for consideration in Wales</b>
	<a href="#">GUI047 Video feedback interventions to improve communication within family relationships and support children at risk</a>	HTW Guidance <sup>1</sup>	March 2024	<b>Recommended guidance for consideration in Wales</b>
	<a href="#">TER486 Kitelock 4% in the prevention of central line catheter associated bloodstream infection and blood clots</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">TER517 Orthotic bracing for the treatment of idiopathic scoliosis in children and young people</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only

<sup>8</sup> **NICE Health Technology Evaluation:** rapid assessment of digital products, devices and diagnostics (also known as Early Value Assessment, or EVA). Provides guidance on value of a technology and recommendations for use whilst further evidence is generated.

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	<a href="#">HTE17 Digital health technologies to help manage symptoms of psychosis and prevent relapse in adults and young people: early value assessment</a>	NICE Health Technology Evaluation <sup>8</sup>	March 2024	For information only
Respiratory system	<a href="#">TER518 Community based respiratory care services for people with chronic respiratory conditions</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">TER511 Artificial intelligence for the diagnosis of chronic obstructive pulmonary disease at point-of-care</a>	HTW Topic Exploration Report <sup>2</sup>	March 2024	For information only
	<a href="#">Artificial intelligence supported clinician review of chest x-rays from patients with suspected lung cancer</a>	SHTG Innovative Medical Technology Overview <sup>3</sup>	March 2024	For information only
Social care	<a href="#">GUI046 Intensive Family Preservation Programmes (IFPP) for families in crisis</a>	HTW Guidance <sup>1</sup>	March 2024	<b>Recommended guidance for consideration in Wales</b>
	<a href="#">GUI047 Video feedback interventions to improve communication within family relationships and support children at risk</a>	HTW Guidance <sup>1</sup>	March 2024	<b>Recommended guidance for consideration in Wales</b>

## Acknowledgements

This bulletin was developed by HTW with support from the Scottish Health Technologies Group (SHTG) and the Health Information and Quality Authority (HIQA).